# SUBJECT INDEX


## A

Adsorption
  Al (III)-salicylate complex 62(4):595
  organic acids 62(4):595
  polarized flourescence spectroscopy 62(4):595
  salicylic acid 62(4):595
  time-resolved anisotropy 62(4):595
Alkaline complex
  carbonatite 62(3):515
  isotopes 62(3):515
  Proterozoic 62(3):515
  South India 62(3):515
Aluminum
  complexes 62(13):2279
  gibbsite 62(12):2077
  malonate 62(13):2279
  organic matter 62(12):2077
  organic matter 62(13):2279
  surface chemistry 62(12):2077
  surface complexes 62(12):2077
  thermodynamic properties 62(13):2279
Amino acids
  a(alpha)-aminoisobutyric acid 62(1):47
  D, L-isovaline 62(1):47
  non-protein 62(1):47
  terrestrial origin 62(1):47
  Tokyo Bay 62(1):47
Amphiboles
  cation substitutions 62(11):1947
Amphiboles
  fractionations 62(11):1947
  oxygen isotopes 62(11):1947
Anorthosite
  ferroan anorthosites 62(7):1255
  lunar highlands 62(7):1255
  lunar magma ocean 62(7):1255
  REE distributions 62(7):1255
  trace elements 62(7):1255
Aqueous geochemistry
  acetate 62(23/24):3657
  activity coefficients 62(7):1133
  activity coefficients, $Na_2/SO_{4(aq)}$ 62(5):915
  aluminum 62(23/24):3657
  anoxic media 62(9):1509
  aqueous electrolyte 62(7):1133
  $AuHS^{\circ}$ 62(17):2931
  brine evolution 62(9):1471
  calcium and sodium chloride 62(7):1133
  calorimetry 62(7):1133
  coprecipitation 62(9):1587
  Cr(VI) 62(9):1509
  Cr(VI) half-lives in natural waters 62(9):1509
  Dead Sea 62(9):1471
  Dead Sea 62(9):1587
  DGT 62(16):2757
  distribution coefficient 62(9):1587
  distribution coefficients 62(3):385
  enthalpy 62(7):1133
  experimental 62(17):2931
  Fe(II) 62(9):1509
  Fe-Mn oxyhydroxides 62(3):385
  fluxes 62(16):2757
  fresh and brackish water 62(3):385
  gold solubility 62(17):2931
  halite 62(9):1587
  hydrosulphide 62(17):2931
  infrared spectroscopy 62(23/24):3657
  ionic strength 62(9):1509
  Irminger Basin 62(14):2437
  Israel 62(9):1471
  Jordan 62(9):1471
  kinetics 62(16):2757
  lithium isotopes 62(14):2437
  minor and trace elements 62(9):1587
  oceanic lithium budget 62(14):2437
  oxic media 62(9):1509
  oxide-water interface 62(2):193
  particles 62(3):385
  Pb(II) 62(2):193
  pH 62(9):1509
  PHRQPITZ 62(9):1471
  porewater 62(14):2437
  porewaters 62(16):2757
  pressure dependencyof properties, $Na_2SO_{4(aq)}$ 62(5):915
  rate equations 62(9):1509
  reduction kinetics 62(9):1509
  seasonal variation 62(3):385
  sediment 62(14):2437
  sediments 62(16):2757
  sodium sulfate(aq) 62(5):915
  soils 62(16):2757
  sorption 62(2):193
  speciation 62(23/24):3657
  temperature 62(9):1509
  thermodynamics 62(7):1133
  trace metals 62(16):2757
  U 62(3):385
  volumetric properties, $Na_2SO_{4(aq)}$ 62(5):915
Aqueous solutions
  Au speciation 62(21/22):3515
  chloride 62(21/22):3515
  hydroxide 62(21/22):3515
  Raman spectroscopy 62(21/22):3515

## B

Banded iron formations
  Archean 62(21/22):3475
  Eu anomaly 62(21/22):3475
  plate tectonics 62(21/22):3475
  rare earth elements 62(21/22):3475
Barium
  barite 62(21/22):3453
  budget 62(18):3047
  coastal budget 62(18):3047
  diagenesis 62(21/22):3453
  diagenesis 62(21/22):3453
  discharge 62(18):3047
  discharge 62(18):3047
  discharge 62(18):3047
  flux 62(18):3047
  flux 62(18):3047
  geochemistry 62(21/22):3453
  groundwater 62(18):3047
  marine sediments 62(21/22):3453
  marine sediments 62(21/22):3453
  nearshore 62(18):3047
  nearshore 62(18):3047
  paleoceanography 62(21/22):3453
  paleoceanography 62(21/22):3453
  seawater 62(18):3047
  shelf 62(18):3047
  shelf 62(18):3047
  trace elements 62(18):3047
  uranium 62(21/22):3453
Basalt
  $^{10}Be$ 62(13):2389
  $^{10}Be$ in 62(13):2389
  $^{26}Al$ 62(13):2389
  $^{26}Al$ in 62(13):2389
  $^{41}Ca$ 62(13):2389
  $^{41}Ca$ 62(13):2389
  $^{41}Ca$ in 62(13):2389
  Antarctica 62(15):2701
  basalt 74275 62(13):2389
  cosmogenic radionuclides 62(13):2389
  crystallization 62(7):1195
  degassing 62(7):1195
  experimental 62(6):949
  experimental petrology 62(7):1195
  flood basalt 62(15):2701
  geochemistry 62(15):2701
  Hawaii 62(11):1977
  helium 62(11):1977
  hydrothermal alteration 62(6):949
  isotope 62(11):1977
  isotopes 62(15):2701
  Karoo 62(15):2701
  lead 62(11):1977
  lithium 62(6):949
  lunar basalt 62(13):2389
  mid-ocean ridge vent fluids 62(6):949
  soil 74002/1 62(13):2389
  solar cosmic rays 62(13):2389
  trace element mobility 62(6):949
  water 62(7):1195
  weathered 62(6):949
Basalts
  continental 62(23/24):3775
  He isotopes 62(23/24):3775
  Hf 62(3):525
  lithospheric mantle 62(23/24):3775
  lunar 62(3):525
  lunar mantle 62(3):525
  mare basalts 62(3):525
  Nd 62(3):525
  noble gas isotopes 62(23/24):3775
Beryllium
  extraction 62(3):433
  separation 62(3):433
  silicates 62(3):433
  soils 62(3):433
Biogeochemistry
  ligninolytic fungi 62(2):351
  manganese; cobalt; cerium 62(2):351
  marine 62(2):351
  microbially mediated 62(2):351
Biomarkers
  alkenones 62(1):51
  emiliania huxleyi 62(1):51
  gephyrocapsa oceanica 62(1):51
  lipids 62(1):51
  paleoproxies 62(1):51
Biostratigraphy
  claystone 62(4):731
  fossils 62(4):731
  magnetostratigraphy 62(4):731
  paleontology 62(4):731
  Pleistocene 62(4):731
  quaternary 62(4):731
  Vrica, Italy 62(4):731
Brucite
  hydrogen 62(3):485
  isotopes 62(3):485
  oxygen 62(3):485

Calcite
anharmonic effect 62(18):3077
anharmonic pressure 62(18):3077
dissolution 62(6):941
kinetics 62(6):941
kinetics 62(23/24):3789
kinetics 62(23/24):3791
mechanisms 62(23/24):3789
mechanisms 62(23/24):3791
precipitation rate 62(23/24):3789
precipitation rate 62(23/24):3791
reduced isotopic partition function 62(18): 3077
scanning force microscopy 62(6):941
seed surface area 62(23/24):3789
seed surface area 62(23/24):3791
stable isotopes 62(18):3077
surface chemistry 62(6):941
Calcium
Ca cycle 62(10):1691
Ca isotope fractionation 62(10):1691
paleothermometry 62(10):1691
seawater Ca 62(10):1691
Carbonates
calcite 62(11):1851
calcite 62(15):2637
carbonate reef 62(16):2809
dolomite 62(15):2637
electrochemistry 62(16):2799
end-upwelling 62(16):2809
energies 62(15):2637
Ganga-Indus rivers 62(5):743
geochemical tracers 62(16):2809
geothermal flux 62(16):2809
Gibbs energies 62(16):2799
kinetic effects 62(11):1851
Lesser Himalaya 62(5):743
metal carbonates 62(16):2799
Precambrian 62(5):743
segregation 62(15):2637
siderite 62(11):1851
simulation 62(15):2637
solid solutions 62(16):2799
Sr isotopes 62(5):743
Sr/Ca 62(5):743
Tahiti barrier reef 62(16):2809
trace elements 62(11):1851
Chondrites
CM-2 62(14):2573
chondrules from LL3 62(19/20):3367
cosmic-rays 62(14):2573
D/H ratios 62(19/20):3367
determinations of water concentrations 62(19/20):3367
enstatite 62(11):1993
enstatite 62(11):1993
exposure ages 62(14):2573
high resolution TEM 62(19/20):3367
interstellar hydroxyl 62(19/20):3367
ion probe 62(11):1993
iron meteorites 62(19/20):3379
neon-E 62(14):2573
noble gases 62(14):2573
old hamite 62(11):1993
ordinary 62(19/20):3379
origin of water 62(19/20):3367
platinum group elements 62(19/20):3379
rare earth elements 62(11):1993
Re-Os 62(19/20):3379
Chondrules
carbon 62(5):903
chondrule precursors 62(15):2715
chrondrule formation 62(15):2715
disk processes 62(15):2715
flash melting 62(15):2715
high temperature experiments 62(1):159
interstellar carbon 62(5):903
iron meteorites 62(15):2715
mesosiderites 62(15):2715
metal-silicate differentiation 62(5):903
meteoritic chondrules 62(5):903
Na 62(1):159
pallasites 62(15):2715
protoplanetary 62(15):2715
Re-Os chronology 62(15):2715
solar nebula 62(5):903
volatiles 62(1):159
CK 62(14):2573
Continental crust
composition 62(11):1959
crustal structure 62(11):1959
delamination 62(11):1959
East China 62(11):1959
heat production 62(11):1959
lower crust 62(11):1959
Coral
high resolution 62(11):1889
laser ablation ICP-MS 62(11):1889
seasonal cycles 62(11):1889
trace elements 62(11):1889
Core
core formation 62(12):2167
melt inclusion 62(12):2167
metal-oxide partitioning 62(5):867
metal-silicate equilibrium 62(12):2167
multi-anvil experiments 62(5):867
planetary differentiation 62(12):2167
siderophile 62(5):867
siderophile elements 62(12):2167
temperature effects 62(5):867
Core differentiation
core segregation 62(3):545
asteroids 62(3):545
iron 62(3):545
meteorites 62(3):545
osmium 62(3):545
tungsten 62(3):545
Crustal growth
Archean 62(1):143
Canada 62(1):143
depleted mantle 62(1):143
lead 62(1):143
neodymium 62(1):143
western Superior 62(1):143
Crystal growth
boron incorporation 62(17):2915
boron incorporation 62(17):2915
calcite 62(17):2915
Fe (II) 62(21/22):3407
Fe (III) 62(21/22):3407
goethite 62(21/22):3407
growth hillock 62(17):2915
growth surface 62(17):2915
heterogeneous 62(3):405
ion microprobe 62(17):2915
nucleation 62(3):405
precipitation kinetics 62(3):405
scanning force microscopy 62(21/22):3407
spiral growth 62(17):2915
supersaturation 62(3):405
surface structure 62(17):2915
trace element incorporation 62(17):2915
vicinal faces 62(17):2915





Denitrification
ammonia oxidation 62(12):2217
catalytic cycle 62(12):2217
chemosynthetic bacteria 62(12):2217
manganese oxide 62(12):2217
$N_2O$ release 62(12):2217
nitrogen cycle 62(12):2217
thermodynamics 62(12):2217
Diagenesis
diagenesis 62(5):767
Amazon fan 62(13):2253
anaerobic methane 62(13):2253
authigenic iron minerals 62(13):2253
bacterial sulfate reduction 62(9):1567
calcite dissolution 62(12):2087
carbon dioxide 62(5):815
carbon isotopes 62(5):797
carbon isotopes 62(9):1567
carbonaceous chondrites 62(23/24):3695
clay minerals 62(17):2923
deep-sea sediments 62(12):2087
diasterane formation 62(17):2923
dicarboxylic acids 62(23/24):3695
early 62(5):805
early 62(12):2087
early diagenetic processes 62(2):265
elemental sulfur 62(9):1567
estuarine sediments 62(9):1567
excess properties 62(5):815
Fe-rich layers 62(13):2253
fulvic acids 62(9):1567
greigite 62(13):2253
humic acids 62(9):1567
K/T boundary 62(23/24):3695
Kawaruppu, Hokkaido, Japan 62(23/24): 3695
mass balance 62(9):1567
methane 62(5):797
nitrogen 62(5):815
nonsteady-state 62(13):2253
organic carbon 62(12):2087
organic matter 62(2):265
organic matter 62(5):797
organic matter 62(17):2923
organic matter 62(23/24):3695
organic sulfides 62(9):1567
organic sulfur 62(5):767
organo-sulfur compounds 62(2):265
oxidation 62(13):2253
petroleum 62(17):2923
photochemical sulfurization 62(2):265
Pleistocene/Holocene boundary 62(13): 2253
pore water chemistry 62(5):797
porewater sulfide 62(9):1567
pulpmill contamination 62(9):1567
pyrite 62(9):1567
sediments 62(5):767
simulation experiments 62(2):265
stable sulfur isotopes 62(9):1567
steroids 62(17):2923
sulfate 62(9):1567
sulfate reduction 62(5):767
sulfate reduction 62(5):797
sulfur budget 62(9):1567
sulfur cycling 62(9):1567
thermodynamics 62(5):815
turbidites 62(12):2087
water 62(5):815
Diamond
carbon dioxide 62(4):725
fugacity 62(4):725

graphite cuboids 62(12):2143
high pressure 62(4):725
Maksyutov Complex 62(12):2143
pseudomorphs 62(12):2143
ultrahigh pressure 62(12):2143
Ural Mountains 62(12):2143

**E**

Earth
age of the 62(18):3185
giant impacts 62(18):3185
origin of planets 62(18):3185
Xe-closure age 62(18):3185
xenology 62(18):3185
Electron microscopy
altered biotite 62(11):1881
halloysite 62(11):1881
kaolinite 62(11):1881
lattice fringe images 62(11):1881
TEM 62(11):1881
Elements
aluminum 62(16):2789
Enstatite
partition coefficients 62(16):2845
REE 62(16):2845
Ettringite
arsenate 62(21/22):3499
arsenic 62(21/22):3499
FTIR 62(21/22):3499
Raman 62(21/22):3499
Eucrites
$^{244}$Pu-Xe 62(13):2369
cosmic-ray 62(13):2369
cosmogenic $^{81}$Kr 62(13):2369
exposure age 62(13):2369
noble gases 62(13):2369

**F**

Feldspar
alkali 62(21/22):3429
diffusion 62(2):377
dissolution 62(9):1493
dissolution 62(21/22):3429
hydrogen 62(2):377
internal surface area 62(21/22):3429
ion microprobe 62(7):1175
kinetics 62(9):1493
micropores 62(21/22):3429
natural concentration level 62(7):1175
partioning 62(7):1175
plagioclase feldspar 62(7):1175
Sr isotopes 62(9):1493
surface areas 62(21/22):3429
trace elements 62(7):1175
water 62(2):377
weathering 62(9):1493
Fluid inclusions
$CO_2$-$N_2$ 62(16):2837
cryogenic precipitates 62(23/24):3637
experimental freezing 62(23/24):3637
gas compositions 62(23/24):3637
high-pressure phase equilibria 62(16):2837
ice 62(23/24):3637
microthermometry 62(16):2837
Raman spectroscopy 62(16):2837
Fluorine
apatite fractionation 62(18):3117
Iceland 62(18):3117
Jan Mayen 62(18):3117
volcanic rocks 62(18):3117
Fullerenes
Brazos River 62(1):173
carbon and soot 62(1):173
characterization 62(21/22):3541
elemental sulfur 62(1):173
K/T boundary 62(1):173
Karelia 62(21/22):3541
Precambrian 62(21/22):3541
Russia 62(21/22):3541

**G**

Gamma spectroscopy
isotopes 62(4):727
Garnet
closure temperature 62(21/22):3527
Himalaya 62(21/22):3527
isotope systematics 62(21/22):3527
rare earths 62(7):1147
solution properties 62(7):1147
step-leaching 62(21/22):3527
thermodynamics 62(7):1147
trace elements 62(7):1147
U-Pb 62(21/22):3527
Geochronology
apatite 62(17):2979
batholith 62(17):2979
carbonates 62(23/24):3683
Concordia diagrams 62(21/22):3437
open system 62(21/22):3437
protactinium 62(21/22):3437
Quaternary 62(23/24):3683
speleothem 62(23/24):3683
Superior Province 62(17):2979
titanite 62(17):2979
U-Pb 62(17):2979
U-Pb 62(23/24):3683
U-series 62(21/22):3437
U-series 62(21/22):3437
U-series disequilibrium 62(23/24):3683
Geographical locations
eastern Siberia 62(10):1657
West Africa 62(16):2739
Geomicrobiology
biogenic Fe(II) 62(19/20):3239
biomineralization 62(19/20):3239
hydrous ferric oxide 62(19/20):3239
iron reduction 62(19/20):3239
microbial 62(19/20):3239
Shewanella putrefaciens 62(19/20):3239
Geothermal fluids
C isotopes 62(19/20):3323
$CO_2$/$^3$He 62(19/20):3323
crustal contamination 62(19/20):3323
He isotopes 62(19/20):3323
Lesser Antilles 62(19/20):3323
rare earth elements 62(4):657
rhyolite 62(4):657
subducted slab 62(19/20):3323
Yellowstone National Park 62(4):657
aluminum analysis 62(6):1083
chemical models 62(6):1083
Geothermal systems
degassing 62(6):1083
geochemistry 62(6):1083
geothermal energy 62(6):1083
geothermometry 62(6):1083
mixing 62(6):1083
Goethite
acetohydroxamic acid 62(4):726
adsorption 62(4):726
aqueous geochemistry 62(1):25
cooling rates 62(4):726
dissolution 62(4):726
kinetics 62(4):726
ligand-promoted 62(4):726
molecular statics 62(1):25
proton binding 62(1):25
reaction rate law 62(4):726
rhyolitic glasses 62(4):726
surface chemistry 62(1):25
viscosity 62(4):726
Graphite
crystallinity 62(1):109
deposition 62(1):109
fluid 62(1):109
hydrogen diffusion 62(1):109
KTB 62(1):109
Groundwater
adsorption 62(12):2199
chemical heterogeneity 62(21/22):3395
dating 62(18):3041
dating 62(21/22):3395
diffusion 62(18):3041
dissolved gas 62(4):577
distribution coefficients 62(12):2199
Groundwater
geochemical models 62(21/22):3395
microbial respiration 62(21/22):3395
modelling 62(12):2199
noble gases 62(18):3041
nuclear waste disposal 62(18):3041
oxygen 62(4):577
pore water 62(18):3041
rare earths 62(12):2199
soil gas 62(4):577
speciation 62(12):2199

**H**

He isotopes
climate 62(21/22):3669
extraterrestrial accretion 62(21/22):3669
interplanetary dust 62(21/22):3669
sediments 62(21/22):3669
Helium
extraterrestrial dust flux 62(9):1535
helium isotopes 62(9):1535
marine sediments 62(9):1535
terrigenous dust flux 62(9):1535
Hydrogen
cycling 62(10):1745
porewater concentrations 62(10):1745
thermodynamic controls 62(10):1745
Hydrothermal fluids
alteration 62(23/24):3717
brine 62(23/24):3717
chloride complexes 62(9):1643
copper (I) chloride complexing 62(17):2949
copper ore deposits 62(17):2949
crustal fluids 62(11):1925
epithermal ore deposits 62(9):1643
experimental 62(17):2949
experimental 62(23/24):3717
genetic tracing 62(11):1925
geochronology 62(11):1925
gold mineralization 62(11):1925
high-salinity 62(23/24):3717
hydrogen sulfide 62(23/24):3729
hydrothermal 62(17):2949
hydrothermal alteration 62(11):1903
hydrothermal systems 62(23/24):3729
magmatic fluids 62(23/24):3717
Pb stepwise leaching 62(11):1925
rare earth element behaviour 62(11):1903
Re-Os isotopes 62(11):1925
Roseki deposits 62(11):1903

Sm-Nd isotopes 62(11):1925
solubility 62(17):2949
southwestern Japan 62(11):1903
sulfoxyanions 62(23/24):3729
sulfur 62(23/24):3729
thallium 62(9):1643
trace element behaviour 62(11):1903
U-Pb isotopes 62(11):1925
u.v. spectra 62(9):1643
Yellowstone National Park 62(23/24):3729
Zimbabwe 62(11):1925
Hydrothermal systems
carbon dioxide partial pressure 62(15): 2673
fumaroles 62(15):2673
gas equilibria 62(15):2673
hydrothermal fluids 62(9):1521
radioisotopes 62(9):1521
redox conditions 62(15):2673
ridge crest 62(9):1521
submarine vents 62(9):1521
Hydrothermal vents
Baby Bare 62(13):2247
carbon dioxide 62(13):2247
Mid-ocean ridge 62(13):2247
ridge-flank 62(13):2247

I

Impact glasses
carbon 62(7):1285
Chicxulub Crater 62(7):1285
gas bubbles 62(7):1285
K/T boundary 62(7):1285
Impacts
fractional crystallization 62(2):319
impact melting 62(2):319
isotopes 62(2):319
Nd 62(2):319
neodymium 62(2):319
SIC 62(2):319
Sudbury Breccia 62(2):319
Iron oxides
calorimetry 62(17):2905
metastable phases 62(17):2905
thermodynamics 62(17):2905
Isotope geochemistry
crustal contamination 62(19/20):3349
Duluth Complex 62(19/20):3349
gas chromatography 62(18):3087
GC-IRMS 62(18):3087
isotope effects 62(18):3087
laser fluorination 62(18):3087
oxygen isotope microprobe 62(18):3087
oxygen isotopes 62(18):3087
Pb 62(19/20):3349
Re-Os 62(19/20):3349
Sm-Nd 62(19/20):3349
sulfide mineralization 62(19/20):3349
Isotopes
adsorption 62(4):585
$CO_3^{2-}$ 62(12):2197
exchange 62(12):2197
fluid inclusions 62(2):337
formation water salinity 62(2):337
fractionation factor 62(12):2197
FTIR 62(4):585
hematite 62(4):585
minimum temperature 62(2):337
oxygen 62(2):337
Pb 62(3):493
stable 62(4):577
stable isotopes 62(21/22):3395
STM 62(4):585
sulfate 62(4):585
thermochemical sulfate reaction 62(2):337

K

Kaolinite
proton adsorption 62(3):417
surface chemistry 62(3):417
surface speciation 62(3):417
Kinetics
dissolution 62(13):2233
mixed metal-Al phases 62(13):2233
sorption 62(13):2233
XAFS 62(14):2233

L

Lacustrine geochemistry
iron (Fe) 62(4):565
nutrients 62(4):565
redox 62(4):565
water 62(4):565
Laterite
$^{40}$Ar/39Ar dating 62(16):2739
creeping rate 62(9):1501
cryptomelanes 62(16):2739
erosion rate 62(9):1501
geochemistry 62(12):1865
in situ 10Be 62(9):1501
kaolinite 62(12):1865
manganese 62(16):2739
oxygen isotope 62(12):1865
pedogenesis 62(12):1865
soil water 62(12):1865
Stone-line 62(9):1501
Lead
diffusion 62(10):1773
dissolution 62(10):1773
hydroxylapatite 62(10):1773
hydroxypyromorphite 62(10):1773
in situ 62(10):1773
microscopy 62(10):1773
precipitation 62(10):1773
Lunar rock
$^{14}$C 62(17):3052
cosmogenic radionuclides 62(17):3052
lunar soil 62(17):3052
solar cosmic rays 62(17):3052
solar cosmic rays 62(17):3052

M

Magma genesis
Costa Rica 62(15):2689
radium 62(15):2689
trace element 62(15):2689
uranium series 62(15):2689
Magmas
Bishop Tuff 62(21/22):3561
Long Valley 62(21/22):3561
residence time 62(21/22):3561
rhyolite 62(21/22):3561
Sr-Nd isotopes 62(21/22):3561
Magmatism
beryllium 62(19/20):3337
boron 62(19/20):3337
island arc 62(19/20):3337
lithium 62(19/20):3337
mineral-fluid partitioning 62(19/20):3337
Manganese nodules
AABW (Antarctic Bottom Water) 62(9): 1545
carbonate 62(9):1545
diagenesis 62(9):1545
DSDP (Deep Sea Drilling Project) 62(9): 1545
fossil 62(9):1545
hiatus 62(9):1545
manganese deposit 62(9):1545
NADW (North Atlantic Deep Water) 62(9):1545
ODP (Ocean Drilling Program) 62(9):1545
paleonceanography 62(9):1545
Sr isotopes 62(9):1545
WSDW (Warm Saline Deep Water) 62(9): 1545
Mantle
alkali magmatism 62(7):1207
alkalis 62(5):883
basalt 62(5):841
basalt 62(5):883
Bay of Islands 62(5):853
Bouvet Triple Junction 62(5):841
continental lithospheric 62(14):2521
cubic diamond 62(13):2335
dynamic melting 62(11):1937
eclogite 62(7):1207
equations 62(11):1937
equilibria 62(2):329
harzburgite 62(5):853
high fields strength 62(16):2849
iherzolite 62(5):853
isotope geochemistry 62(5):841
isotopes 62(14):2521
Kaapvaal Craton 62(7):1207
mantle 62(16):2849
mantle plumes 62(5):841
mantle-derived fluids 62(13):2335
melt-peridotite reaction 62(5):853
melting 62(5):883
metasomatism 62(7):1207
metasomatism 62(14):2521
noble gas isotopes 62(13):2335
noble gases 62(14):2521
nucleogenic isotopes 62(13):2335
open-system melting 62(11):1937
ophiolite 62(5):853
osmium 62(13):2293
oxidation state 62(2):329
partial melting 62(5):853
petrogenesis 62(5):883
Pyrenees 62(13):2293
silica activity 62(5):883
subcontinental mantle 62(13):2335
subduction zones 62(2):329
sulphur 62(13):2293
thermodynamics 62(5):883
trace element 62(11):1937
trace-element partitioning 62(16):2849
upper mantle 62(5):853
upper mantle 62(7):1207
xenoliths 62(2):329
Mantle evolution
Baltic Shield 62(3):493
mafic layered intrusion 62(3):493
magmatism 62(3):493
Th/U 62(3):493
Marine sediments
biochemical distributions 62(8):1347
organic compound classes 62(8):1443
organic matter 62(8):1347
plankton 62(8):1443
radiocarbon 62(8):1443
$S_2O_3^{2-}$ and $SO_3^{2-}$ 62(15):2585
size fractions 62(8):1347
stable sulfur isotope 62(15):2585
sulfate reduction 62(15):2585
sulfur oxidation 62(15):2585

MAS melt
diffusion 62(11):1985
diffusion matrix for CMAS melt 62(11): 1985
diffusion matrix for MAS melt 62(11): 1985
multicomponent convection 62(11):1985
Measurements
thermodynamic 62(16):2799
Melt inclusions
boron 62(3):507
chlorine 62(3):507
metasomatism 62(3):507
potassic magmatism 62(3):507
Mesosiderites
$^{39}$Ar-$^{40}$Ar ages 62(8):1459
argon diffusion 62(8):1459
cooling rate 62(8):1459
thermal history 62(8):1459
Metamorphism
China 62(19/20):3307
diamond 62(23/24):3765
diffusion 62(13):2265
diopside 62(13):2265
dispersion 62(23/24):3745
eclogite 62(19/20):3307
fluid 62(23/24):3765
fluid-rock interaction 62(23/24):3745
hydrogen 62(19/20):3307
infrared spectroscopy 62(23/24):3765
isotope composition 62(19/20):3307
isotope geochemistry 62(19/20):3307
marbles 62(13):2265
N 62(23/24):3765
oxygen 62(19/20):3307
oxygen isotopes 62(13):2265
phengite 62(19/20):3307
Qinglongshan 62(19/20):3307
reactive transport 62(23/24):3745
stable isotopes 62(23/24):3745
ultrahigh pressure 62(19/20):3307
ultrahigh pressure 62(23/24):3765
Metasomatism
Adirondacks 62(17):2965
rare earth elements 62(17):2965
skarns 62(17):2965
wollastonite 62(17):2965
Meteorites
$^{26}$Al 62(4):689
ages 62(16):2865
ALH84001 62(1):3
ALH84001 62(12):2155
ALH84001 62(14):2555
Allende meteorite 62(18):3161
Ar, Kr, Xe 62(10):1829
Ar-Ar 62(14):2535
aromatic structures 62(10):1821
atmosphere 62(10):1829
CAIs 62(18):3161
calcium-aluminum-rich inclusions (CAIs) 62(4):689
carbon isotopes 62(10):1821
carbon isotopes 62(10):1821
carbonate 62(12):2155
chondrites 62(8):1419
chondrules 62(8):1419
chronology 62(16):2865
CO chondrites 62(4):689
early timescales 62(16):2865
heterogeneity 62(16):2865
incomplete differentiation 62(14):2535
ion microprobe 62(1):3
isotopic analysis 62(6):1093
Julesberg, L3 ordinary chondrite 62(8): 1419
laser microprobe 62(18):3161
life on 62(1):3
life on Mars 62(12):2155
Mars 62(14):2555
Martian 62(1):3
Martian 62(10):1829
Martian 62(12):2155
Martian atmosphere 62(14):2555
Martian meteorites 62(14):2555
maskelynite 62(12):2155
meteorite 62(4):689
Mn-Cr 62(16):2865
molybdenum 62(6):1093
molybdenum isotopes 62(6):1093
Murchison 62(6):1093
Murchison 62(10):1821
noble gases 62(10):1829
nucleosynthesis 62(6):1093
organic matter 62(10):1821
oxygen 62(1):3
oxygen isotopes 62(18):3161
presolar grains 62(6):1093
Primitive Achondrite meteorites 62(14): 2535
s-process nucleosynthesis 62(6):1093
silicon carbide 62(6):1093
solar nebula 62(4):689
solar nebula 62(16):2865
textures 62(14):2535
UV laser ablation 62(18):3161
winonaites 62(14):2535
xenon 62(14):2555
Methanogenesis
peat gas reservoir 62(2):369
stable isotopes 62(2):369
substrate 62(2):369
temperature 62(2):369
Mineral dissolution
catalysis 62(8):1295
inhibition 62(8):1295
mechanistic model 62(8):1295
mechanistic model 62(8):1295
Mineral surfaces
calcite 62(9):1481
kaolinite 62(9):1481
sorption and precipitation 62(9):1481
strontium isotopes 62(9):1481
Molecular dynamics
hydration 62(18):3095
ion association 62(18):3095
solvation 62(18):3095
supercritical 62(18):3095
Monazite
Archean 62(14):2475
electron microprobe 62(14):2475
geochronology 62(14):2509
Ivory Coast 62(14):2475
Pb diffusion 62(14):2475
plutonium 62(14):2509
polygenesis 62(14):2475
Proterozoic 62(14):2475
radiation damage 62(14):2509
Th-U-total Pb age 62(14):2475
zircon 62(14):2509
Moon
alkali suite 62(17):3009
Apollo 14 62(17):3009
ion microprobe 62(17):3009
KREEP 62(17):3009
lunar highlands 62(17):3009
trace elements 62(17):3009
MORB
melt inclusions 62(5):831
plagioclase 62(5):831

**N**

Natural fission reactors
fission products 62(1):89
isotopic analysis 62(1):89
migration 62(1):89
nuclear parameters 62(1):89
Natural particulate matter
assemblage model 62(15):2609
cations 62(15):2609
metals 62(15):2609
surface charge 62(15):2609

**O**

Ocean island magmatism
Hawaii 62(13):2347
Kauai 62(13):2347
Koloa 62(13):2347
posterosional volcanics 62(13):2347
rejuvenated-stage 62(13):2347
Olivine
$CO_2$ laser 62(18):3141
eximer 62(18):3141
laser fluorination 62(18):3141
oxygen isotopes 62(18):3141
Ophiolite
China 62(4):677
melt/rock interaction 62(4):677
Nd 62(21/22):3545
peridotite 62(21/22):3545
platinum-group elements 62(4):677
podiform chromite 62(4):677
rare earth elements 62(21/22):3545
Sr 62(21/22):3545
Organic acids
estuary 62(3):473
humic substances 62(3):473
proton binding 62(3):473
seawater 62(3):473
$^{13}C_{TOC}$-TOC relationship 62(19/20):3259
Organic matter
10-ethyl-2, 6, 15, 19-tetramethylicosane 62(6):965
2, 6, 10, 15, 19-pentamethylicosane 62(6): 965
2, 6, 15, 19-tetramethylicosane 62(6):965
3-alkyl steranes 62(7):1127
3-isopropyl alkanes 62(6):965
algae 62(8):1397
biogenic methane 62(10):1699
biomarkers 62(9):1619
biosynthesis 62(8):1397
branched side chains 62(7):1127
California 62(8):1329
carbon isotopes 62(8):1397
carbon isotopes 62(19/20):3259
characterization 62(18):3055
clay minerals 62(8):1329
coastal sediments 62(18):3055
compound specific isotopes 62(18):3055
continental margin 62(8):1319
continental margin 62(8):1329
Cretaceous 62(6):965
CuO 62(18):3055
cyclic regular polyprenoids 62(5):805
cyclodextrin stationary phase 62(9):1619
degradation 62(8):1319
effect of oxygen 62(8):1319
enantiomers 62(9):1619

euxinic conditions 62(19/20):3259
fatty acids 62(8):1397
GC/MS 62(9):1619
geochemistry 62(9):1619
grain size 62(8):1329
hydrocarbons 62(6):965
hydrogeochemistry 62(10):1699
hydrous pyrolysis 62(9):1599
Organic matter
indans 62(9):1619
iso alkanes 62(6):965
isomeric composition 62(9):1619
isoprenoids 62(8):1397
isoprenoids 62(9):1619
isotope compositions 62(10):1699
Kimmerdige Clay 62(6):965
labile 62(8):1319
lignin 62(18):3055
marine sediments 62(18):3055
methanogenesis 62(10):1699
natural gas 62(9):1599
norisoprenoid 62(6):965
organic carbon 62(18):3055
organic-rich shale 62(10):1699
organo-sulfur compounds 62(5):805
petroleum 62(9):1599
preservation of carbohydrates 62(19/20):3259
reaction 62(9):1599
refractory 62(8):1319
sediment-water interface 62(8):1329
sedimentation 62(8):1329
sediments 62(5):805
sediments 62(8):1319
smectite 62(8):1329
sources 62(18):3055
stable 62(8):1397
stable carbon 62(18):3055
structural identification 62(5):805
sulfur 62(7):1127
sulfurisation 62(19/20):3259
surface area 62(8):1329
tetralins 62(9):1619
thiophenes 62(7):1127
Oxidation
goethite 62(2):361
lepidocrocite 62(2):361
methane 62(3):455
microscopic vs. macroscopic observations 62(2):361
surface speciation 62(2):361
surface-catalyzed 62(2):361
Oxygen isotopes
equilibrium 62(14):2409
goethite 62(14):2409
oolitic ironstones 62(14):2409
paleoclimate 62(14):2409

**P**

Paleoceanography
cosmochemistry 62(6):919
Eolian 62(10):1735
geochemistry 62(6):919
ICPMS (or mass spectrometry) 62(6):919
isotopes 62(6):919
marine geochemistry 62(10):1735
Pacific 62(10):1735
rare earth elements 62(10):1735
Paleoenvironments
amino acids 62(14):2451
early hominids 62(14):2463
environment 62(14):2451
fossil 62(14):2463
marsh sediments 62(19/20):3229
ostracodes 62(19/20):3229
ostrich eggshell 62(14):2451
paleosalinity 62(19/20):3229
rainfall 62(14):2451
sea level rise 62(19/20):3229
soil 62(14):2463
Sr isotopes 62(14):2463
stable isotopes 62(14):2451
stable isotopes 62(19/20):3229
Swartkrans 62(14):2463
vegetation 62(14):2451
water 62(14):2463
Paleosols
calcite 62(16):2823
calcretes 62(16):2823
depositional age 62(16):2823
New Haven Arkose 62(16):2823
U-Pb 62(16):2823
Paleothermometry
alkenones 62(10):1757
calibration 62(10):1757
core-top 62(10):1757
culture 62(7):1119
diatom 62(7):1119
glacial geochemical cycles 62(7):1107
n-alkanes 62(14):2421
North Atlantic Ocean 62(14):2421
oxygen isotopes 62(7):1119
Polar Front 62(14):2421
sea surface temperature 62(10):1757
Sea Surface Temperature 62(14):2421
seawater geochemistry 62(7):1107
silica 62(7):1119
South Atlantic 62(10):1757
Sr/Ca 62(7):1107
strontium 62(7):1107
$U_{37}^{K'}$ 62(10):1757
$U_{37}^{k'}$ index 62(14):2421
Partition coefficients
crystal-melt trapping effect 62(7):1233
Henry's Law 62(7):1233
trace components 62(7):1233
Peridotites
diamond genesis 62(10):1811
fluids 62(10):1811
kimberlites 62(10):1811
olivine-garnet-orthopyroxene 62(10):1811
oxygen barometer 62(10):1811
upper mantle 62(10):1811
Petroleum
expulsion 62(12):2207
formation 62(12):2207
hydrous pyrolsis 62(12):2207
kinetic analysis 62(12):2207
Petrology
beryllium 62(12):2129
boron 62(12):2129
experimental petrology 62(12):2129
igneous geochemistry 62(12):2129
lithium 62(12):2129
trace element partitioning 62(12):2129
Phosphate
climate 62(11):1839
oxygen isotopes 62(11):1839
seasonality 62(11):1839
tooth enamel 62(11):1839
Phosphorites
Floridian 62(23/24):3689
francolite 62(23/24):3689
Hawthorn Group 62(23/24):3689
sulfur isotopes 62(23/24):3689
Phytoplankton
$[CO_{2(aq)}]$ 62(1):69
carbon 62(1):69
chemostat 62(1):69
growth rate 62(1):69
isotope fractionation 62(1):69
Plant fossils
Lower Devonian 62(8):1407
molecular characterization 62(8):1407
organic matter 62(8):1407
Pore water
advection 62(4):613
bioroughness 62(4):613
iron 62(4):613
manganese 62(4):613
nutrient flux 62(4):613
permeable sediments 62(4):613
Pore water chemistry
alkalinity 62(3):455
anaerobic 62(3):455
argillaceous rocks 62(5):783
$CH_4$ 62(3):455
concentration profiles of $SO_4^{2-}$ 62(3):455
$H_2S$ 62(3):455
modeling 62(5):783
Namibia 62(3):455
$NH^{4+}$ 62(3):455
opalinus clay 62(5):783
oxidation 63(4):456
physicochemical characterisation 62(5):783
$PO_4^{3-}$ 62(3):455
sulfate reduction 62(3):455
upwelling area off 62(3):455

**R**

Radiocarbon
cosmogenic nuclides 62(12):2025
geomagnetic field 62(12):2025
global carbon cycle 62(12):2025
radiocarbon 62(8):1365
radiocarbon calibration 62(12):2025
solar modulation 62(12):2025
Rare earth elements
Ce and Gd anomalies 62(8):1307
dissolved yttrium and lanthanides 62(8):1307
exchange at the ocean margins 62(8):1307
ICP-MS 62(8):1307
ocean geochemistry 62(8):1307
Recoil distance
$^{39}Ar$ 62(2):347
feldspar 62(2):347
ultrasmall domains 62(2):347
Redox reactions
XPS 62(12):2097
arsenite oxidation 62(12):2097
birnessite 62(12):2097
$MnO_2$ 62(12):2097
reaction mechanism 62(12):2097
surface reactions 62(12):2097
River chemistry
fluvial chemistry 62(10):1657
sedimentary basins 62(10):1657
weathering yields 62(10):1657

**S**

Seawater
Bannock 62(19/20):3221
boron isotopes 62(19/20):3221
brachiopod 62(14):2429
brines 62(19/20):3221
calcite 62(5):757

distribution 62(15):2597
eastern Indian Ocean 62(15):2597
fossil 62(19/20):3221
ionic strength 62(5):757
isotopic composition 62(15):2597
kinetics 62(5):757
Mediterranean 62(19/20):3221
Nd 62(15):2597
Paleozoic 62(14):2429
rare earth elements 62(14):2429
stable isotopes 62(14):2429
Urania 62(19/20):3221
water-rock interactions 62(19/20):3221
Seawater chemistry
calcite 62(10):1721
Ordovician 62(10):1721
Silurian 62(10):1721
Sr 62(10):1721
Sr isotopes 62(10):1721
Silica
geothermal 62(8):1379
kinetics 62(8):1379
precipitation 62(8):1379
scaling 62(8):1379
Silicate melts
alkaline silicate rock 62(19/20):3301
alkalis 62(17):2997
assimilation-fractional 62(19/20):3301
bridging oxygen 62(7):1241
$CaO$-$SiO_2$-$TiO_2$ 62(23/24):3753
diffusion 62(17):2997
equation of state 62(14):2499
feldspar 62(17):2997
Gibbs-Duhem equation 62(23/24):3753
glass 62(17):2997
high pressure 62(7):1241
immiscibility 62(19/20):3301
linear programming 62(23/24):3753
liquid immiscibility 62(23/24):3753
melt density 62(14):2499
multicomponent excess function 62(23/24):3753
noble gas 62(7):1241
partial molar volume 62(14):2499
silicate liquid 62(14):2499
silicate melt structure 62(7):1241
solution 62(7):1241
strontium isotopes 62(19/20):3301
Silicates
$^{23}Na$ NMR 62(1):79
isotropic chemical shift 62(1):79
quadrupole coupling constant 62(1):79
silicate glasses 62(1):79
silicate melts 62(1):79
water dissolution mechanisms 62(1):79
Solar nebula
deutron-burning 62(2):301
evaporation kinetics 62(11):2005
Fe/S fractionation 62(11):2005
fractionation 62(2):301
incongruent evaporation 62(11):2005
kinetic isotope fractionation 62(18):3109
mineral sublimation 62(18):3109
oxygen isotopes 62(18):3109
Q-noble gas 62(2):301
Rayleigh 62(2):301
silica evaporation 62(18):3109
solar noble gas 62(2):301
troilite 62(11):2005
Soot
carbon 62(3):465
continental shelf 62(3):465
fluxes 62(3):465
global carbon cycle 62(3):465
lead-210 62(3):465
marine 62(3):465
preservation 62(3):465
sediments 62(3):465
Spectroscopy
$^{40}Ar/^{39}Ar$ 62(1):123
Ar 62(1):123
clay 62(1):123
dating 62(1):123
diffusion 62(1):123
kinetics 62(16):2789
ligant-exchange 62(16):2789
muscovite 62(1):123
NMR 62(16):2789
Raman 62(1):109
step-heating 62(1):123
Subduction zones
diamond trap 62(10):1781
experimental petrology 62(10):1781
fluid phase 62(10):1781
trace element partitioning 62(10):1781
Sulfides
acid mine drainage 62(9):1555
Archean 62(19/20):3205
bacterial sulfate-reducing 62(19/20):3205
iron sulfides 62(9):1555
kinetics and mechanisms 62(9):1555
low-temperature geochemistry 62(4):633
McRae shale 62(19/20):3205
Nd-YAG 62(19/20):3205
pyrite 62(4):633
pyrite 62(19/20):3205
pyrrhotite 62(9):1555
surface chemistry 62(4):633
XPS 62(9):1555
zeta potential 62(4):633
Surface chemistry
adsorption 62(11):1919
aluminum 62(10):1677
pHpzc 62(11):1919
point of zero charge 62(10):1677
scanning force microscopy 62(11):1919
soil organic matter 62(10):1677
soil surface charge 62(10):1677
surface charge 62(11):1919
surface complexation 62(10):1677

**T**

Tektites
Bosumtwi crater 62(12):2179
impact breccia 62(12):2179
impact structures 62(12):2179
Ivory Coast 62(12):2179
suevite 62(12):2179
Thermodynamic models
hydrothermal fluids 62(15):2643
magmatic fluids 62(15):2643
mineral solubility 62(15):2643
platinum group complexes 62(15):2643
platinum group elements 62(15):2643
predictive methods 62(15):2643
thermodynamic 62(15):2643
ab initio calculation 62(15):2627
Thermodynamic properties
gas 62(15):2627
Ge(IV) hydroxide complexes 62(9):1631
Ge/Si ratios 62(9):1631
high pressure 62(6):985
high temperature 62(6):985
hydrogen sulphide 62(15):2627
hydrothermal fluids 62(9):1631
organic molecules 62(6):985
polysulphane 62(15):2627
potentiometry 62(9):1631
solubility 62(9):1631
solvation 62(15):2627
stability 62(15):2627
sulphur 62(15):2627
Turbidites
Madeira Abyssal Plain 62(4):643
organic carbon 62(4):643
oxidation 62(4):643
redox processes 62(4):643
sediments 62(4):643
trace metals 62(4):643

**U**

Ultramafic rocks
methane 62(13):2323
Mid-Atlantic Ridge 62(13):2323
plumes 62(13):2323
serpentinization 62(13):2323
Uraninite
reducing conditions 62(13):2223
solubility 62(13):2223
uranium dioxide 62(13):2223
Uranium
barium sulfate 62(1):15
ion association 62(1):15
Pitzer model 62(1):15
radium sulfate 62(1):15
solubility 62(1):15
tailings 62(1):15
brines 62(2):245
polyuranates 62(2):245
precipitation 62(2):245
solid solution 62(2):245
solubility 62(2):245

**V**

Volcanic gases
disequilibrium 62(12):2111
residence time 62(12):2111
sublimates 62(12):2111
uranium series 62(12):2111
Vulcano Island 62(12):2111

**W**

Weathering
alcoholic 62(21/22):3413
alkali feldspar 62(16):2771
Appalachia 62(17):2889
aqueous geochemistry 62(1):25
atomic force microscopy 62(16):2771
biotite 62(13):2404
Cameroon 62(2):273
carboxylic 62(21/22):3413
chelates 62(21/22):3413
chemical 62(2):209
chondrites 62(18):3169
clay mineral formation 62(17):2889
climate 62(18):3169
coordinence 62(21/22):3413
desert 62(18):3169
desert 62(18):3169
desert 62(18):3169
dislocations 62(16):2771
dissolution 62(16):2771
dissolved organic matter 62(21/22):3413
effect on marine isotope records 62(19/20):3193
experimental 62(16):2771
Fe-oxidation 62(18):3169
Ge/Si ratios 62(21/22):3413

glacial chronosequence 62(19/20):3193
glaciation 62(19/20):3193
granite 62(1):33
granite 62(2):209
granite 62(17):2889
groundwaters 62(2):273
hydraulic conductivity 62(2):209
hydrothermal flux 62(12):2039
iso-volumetric 62(2):209
isotopes 62(1):33
isotopes 62(12):2039
kaolinite 62(2):209
kaolinite 62(13):2404
lateritic soils 62(2):273
lead (Pb) 62(1):33
lithium 62(12):2039
mass balance 62(2):209
meteorites 62(18):3169
meteorites 62(18):3169
organic complexes 62(21/22):3413
organic complexes 62(21/22):3413
Os 62(19/20):3193
Os isotopes 62(19/20):3193
phenolic 62(21/22):3413
porosity 62(2):209
potentiometry 62(21/22):3413
Puerto Rico 62(13):2404
rainforest 62(2):209
Re-Os isotope systematics 62(19/20):3193
response to disturbance 62(17):2889
Rh mobility 62(19/20):3193
Rio Icacos 62(13):2404
river 62(12):2039
saprolite 62(2):209
saprolite 62(13):2404
seawater Os isotope record 62(19/20):3193
Si 62(21/22):3413
soil 62(1):33
soil age 62(17):2889
soil water chemistry 62(2):209
solid/liquid REE-TH 62(2):273
solid/liquid REE-Th weathering 62(2):273
solubility 62(21/22):3413
solute fluxes 62(2):209
stability 62(21/22):3413
steric constraints 62(21/22):3413
stoichiometry 62(21/22):3413
surface area 62(13):2404
surface waters 62(2):273
TEM 62(13):2404
terrestrial age 62(18):3169
tropical 62(13):2404
tropics 62(2):209
watershed flux 62(2):209
watersheds 62(2):209
weathering 62(1):33
weathering 62(2):209
Wind River Range 62(19/20):3193
Wyoming, USA 62(19/20):3193

## Z

Zeolites
  $^{17}O$ NMR 62(10):1803
  framework oxygen 62(10):1803
  isotope geochemistry 62(10):1803
  kinetics 62(10):1803
  oxygen site exchange 62(10):1803
Zincite
  complexation 62(6):971
  potentiometry 62(6):971
  solubility 62(6):971
  $Zn^{2+}$ 62(6):971
Zirconia
  electronic conduction 62(18):3131
  ionic conduction 62(18):3131
  oxygen fugacity 62(18):3131
  yttria-doped 62(18):3131

# AUTHOR INDEX

(A = Addendum; BR = Book Review; C = Comment; E = Erratum; L = Letter; R = Reply; SC = Scientific Comment; all other entries are regular articles)


Abbott G. D., 62 (8): 1407
Abel L., 62 (11): 1865
Abu-Jaber N. S., 62 (9): 1471
Adam P., 62 (2): 265
Adam P., 62 (5): 805
Afonso M. D. S., 62 (4): 585
Aggarwal P. K., 62 (4): 577
Ainsworth C. C., 62 (4): 595
Alai M., 62 (8): 1379
Albert D. B., 62 (10): 1745
Albrecht P., 62 (2): 265
Albrecht P., 62 (5): 805
Allan G. L., 62 (3): 433
Alperin M. J., 62 (10): 1745
Althaus E., 62 (16): 2837
Amari S., 62 (6): 1093
Amelin Y. V., 62 (3): 493
Anderson R., 62 (21/22): 3453
Anderson R. F., 62 (9): 1535
Andersson P. S., 62 (3): 385
Andrie C., 62 (16): 2809
Anovitz L. M., 62 (5): 815
Appriou P., 62 (13): 2323
Armstrong D. W., 62 (9): 1619
Armstrong R., 62 (14): 2463
Arocas P. D., 62 (2): 245
Asimow P. D., 62 (14): 2499
Astin T. R., 62 (18): 3169
Audet D. M., 62 (18): 3109

Baas M., 62 (7): 1127
Baas M., 62 (8): 1397
Babich D., 62 (12): 2039
Baeyens B., 62 (5): 783
Baker A., 62 (3): 393
Baker A., 62 (13): 2405 (E)
Baker D. R., 62 (17): 2997
Baker M. B., 62 (5): 883
Ball J. W., 62 (23/24): 3729
Ballentine C. J., 62 (6): 919
Ballhaus C., 62 (2): 329 (C)
Balog A., 62 (11): 1851
Bamba O., 62 (9): 1501
Bancroft G. M., 62 (12): 2097
Bard E., 62 (12): 2025
Bargar J. R., 62 (2): 193
Barnes C. R., 62 (10): 1721
Barnes W. L., 62 (3): 393
Barrat J.-H., 62 (14): 2429
Batanova V. G., 62 (5): 853
Beard B. L., 62 (3): 525
Bebie J., 62 (4): 633
Bebie J., 62 (9): 1643
Beckett J. R., 62 (18): 3131
Benedix G. K., 62 (14): 2535
Benezeth P., 62 (6): 971
Benitez-Nelson B. C., 62 (9): 1599
Benjamin T. M., 62 (21/22): 3437
Berelson W. M., 62 (21/22): 3453
Bernard-Griffiths J., 62 (21/22): 3545
Berry F. J., 62 (18): 3169
Berthier B., 62 (3): 507
Berthod A., 62 (9): 1619
Bevan A. W. R., 62 (18): 3169
Bidigare R. R., 62 (1): 69
Bindeman I. N., 62 (7): 1175
Bland P. A., 62 (18): 3169
Blencoe J. G., 62 (5): 815
Blokker P., 62 (8): 1397
Blum A., 62 (2): 227
Blum A. E., 62 (2): 209
Blum J. D., 62 (19/20): 3193
Blum J. D., 62 (1): 33
Blum J. D., 62 (12): 2179
Blundy J. D., 62 (4): 739
Boatner L. A., 62 (14): 2509
Bogard D. D., 62 (8): 1459
Bogard D. D., 62 (10): 1829
Bogard D. D., 62 (14): 2535
Borggaard O. K., 62 (10): 1677
Bottrell S. H., 62 (23/24): 3683
Boudreau B. P., 62 (5): 767
Bougault H., 62 (13): 2323
Bourles D. L., 62 (9): 1501
Bradbury M. H., 62 (5): 783
Branca M., 62 (12): 2111
Brandon A. D., 62 (2): 333 (R)
Brandriss M. E., 62 (7): 1119
Brantley S. L., 62 (9): 1493
Brantley S. L., 62 (2): 227
Braucher R., 62 (9): 1501
Braun J.-J., 62 (2): 273
Brenan J. M., 62 (19/20): 3337
Brenan J. M., 62 (12): 2129
Brendel P. J., 62 (12): 2218 (R)
Breteler W. C. M. K., 62 (8): 1397
Brey G. P., 62 (10): 1781
Britt D. T., 62 (18): 3169
Broecker W. S., 62 (4): 733
Brown E. T., 62 (9): 1501
Brown G. E., 62 (2): 193
Bruchert V., 62 (9): 1567
Brumsack H. J., 62 (21/22): 3453
Bruno J., 62 (13): 2223
Budai J. M., 62 (10): 1699
Buhl D., 62 (10): 1721
Burdige D. J., 62 (21/22): 3453
Burnham A. K., 62 (12): 2207 (C)
Burnham O. M., 62 (13): 2293
Burns S. J., 62 (5): 797
Buseck P. R., 62 (17): 3037 (E)
Buseck P. R., 62 (8): 1443
Butterfield D. A., 62 (9): 1521
Byrne A. R., 62 (19/20): 3229
Byrne R. H., 62 (12): 2199 (C)

Cai W-J, 62 (3): 473
Campanella L., 62 (9): 1509
Candela P. A., 62 (23/24): 3717
Canfield D. E., 62 (5): 767
Canfield D. E., 62 (15): 2585
Canning G. W., 62 (12): 2097
Carpenter P. K., 62 (1): 3
Carroll S., 62 (8): 1379
Cartigny P., 62 (23/24): 3765
Casas I., 62 (13): 2223
Casey W. H., 62 (16): 2789
Casey W. H., 62 (16): 2799
Cera E., 62 (13): 2223
Chamberlain C. P., 62 (12): 2179
Chan L., 62 (14): 2437
Chan L.-H., 62 (6): 949
Chan L. H., 62 (12): 2053
Charan S. N., 62 (3): 515
Charlou J. L., 62 (13): 2323
Charnock J. M., 62 (9): 1481
Chaussidon M., 62 (5): 903
Chen J. H., 62 (19/20): 3379
Chen X., 62 (6): 949
Cheng H., 62 (21/22): 3437
Chesley J. T., 62 (9): 1493
Chiodini G., 62 (15): 2673
Chivas A. R., 62 (19/20): 3229
Choi B.-G., 62 (4): 715
Chou I-M, 62 (1): 109
Chou L., 62 (3): 417
Christensen J. N., 62 (6): 919
Clark S. K., 62 (15): 2689
Clayton R. N., 62 (6): 1093
Clayton T., 62 (4): 643
Cliff R. A., 62 (23/24): 3683
Cloudt S., 62 (17): 3025
Clyde W. C., 62 (11): 1839
Coale K. H., 62 (21/22): 3453
Cocherie A., 62 (14): 2475
Colin F., 62 (9): 1501
Colin F., 62 (16): 2739
Compton J. S., 62 (23/24): 3689
Connolly Jr. H. C., 62 (15): 2725
Conrad M. E., 62 (19/20): 3229
Conte M. H., 62 (1): 51
Corfu F., 62 (17): 2979
Cortijo E., 62 (14): 2421
Cresswell R. G., 62 (3): 433
Crocket J. H., 62 (2): 319 (R)
Crozaz G., 62 (11): 1993
Crozaz G., 62 (7): 1255
Cunningham K. M., 62 (23/24): 3729

D'Ottone L., 62 (9): 1509
Damste J. S. S., 62 (6): 965
Damste J. S. S., 62 (7): 1127
Damste J. S. S., 62 (8): 1397
Dapoigny A., 62 (13): 2323
Das B., 62 (5): 915
Das Sharma S., 62 (2): 323 (C)
Davies G. R., 62 (21/22): 3561
Davies S. H. R., 62 (2): 361 (C)
Davis A. M., 62 (7): 1175
Davis A. M., 62 (6): 1093
Davison W., 62 (16): 2757
De Corte K., 62 (23/24): 3765
De Deckker P., 62 (19/20): 3229
De Lange G. J., 62 (19/20): 3221
De Leeuw J. W., 62 (17): 2923
de Leeuw N. H., 62 (15): 2637
de Pablo J., 62 (13): 2223
DeCapitani C., 62 (23/24): 3753
Dejardin P., 62 (16): 2809
Dekker M., 62 (17): 2923
Deloule E., 62 (19/20): 3367
DePaolo D. J., 62 (23/24): 3775
Dick H. J. B., 62 (5): 841
Dickens G. R., 62 (10): 1735
Dickin A. P., 62 (2): 319 (R)
Dillon M. A., 62 (4): 577
Dipple G. M., 62 (23/24): 3745
Dirken P. J., 62 (1): 79
Dodson A., 62 (23/24): 3775
Dolfing J., 62 (12): 2217 (C)
Donahue D. J., 62 (17): 3025

Dong H., 62 (11): 1881
Dong H., 62 (19/20): 3239
Dong H., 62 (2): 227
Donval J. P., 62 (13): 2323
Dore J. E., 62 (1): 69
Doremus R. H., 62 (2): 377 (C)
Doukhan J. C., 62 (19/20): 3367
Drake M. J., 62 (7): 1175
Draper D. S., 62 (2): 333 (R)
Dressler B. O., 62 (2): 315 (C)
Dreybrodt W., 62 (23/24): 3791 (R)
Dreybrodt W., 62 (3): 393
Driesner T., 62 (18): 3095
Druffel E. R. M., 62 (8): 1365
Dudnikova V. B., 62 (7): 1233
Dupre B., 62 (2): 273
Dupree R., 62 (1): 79

Eberhardt P., 62 (14): 2573
Eberl D., 62 (2): 209
Ebert M., 62 (8): 1379
Edlund M. B., 62 (7): 1119
Edmond J., 62 (10): 1657
Edmond J. M., 62 (12): 2053
Edmond J. M., 62 (12): 2039
Edwards D., 62 (8): 1407
Edwards K. J., 62 (13): 2265
Edwards R. L., 62 (21/22): 3437
Eggleston C. M., 62 (4): 585
Eggleston C. M., 62 (11): 1919
Eglinton, T. I., 62 (18): 3055
Eichhorn R., 62 (13): 2403 (E)
Eiler J. M., 62 (11): 1977
Emig C., 62 (14): 2429
Erel Y., 62 (1): 33
Erel Y., 62 (4): 565
Ernst W. G., 62 (12): 2143
Etoubleau J., 62 (13): 2323
Eugster O., 62 (14): 2573
Evans J. M., 62 (3): 433
Ewbank G., 62 (8): 1407
Ewing R. C., 62 (14): 2509
Ewing R. C., 62 (13): 2223

Fahey A. J., 62 (4): 689
Fairchild I. J., 62 (23/24): 3637
Fallick A., 62 (2): 369 (C)
Farley K. A., 62 (23/24): 3669
Farley K. A., 62 (11): 1977
Farquhar J., 62 (18): 3141
Fein J. B., 62 (12): 2077
Felmy A. R., 62 (1): 25
Feraud G., 62 (16): 2739
Fichez R., 62 (16): 2809
Fieux M., 62 (15): 2597
Fifield L. K., 62 (3): 433
Finch R. J., 62 (13): 2223
Fink D., 62 (13): 2389
Floss C., 62 (7): 1255
Fogel M. L., 62 (14): 2451
Fogel M. L., 62 (18): 3087
Foley S. F., 62 (10): 1781
Forster S., 62 (4): 613
Fouquet Y., 62 (13): 2323
Frank M. R., 62 (23/24): 3717
Freda C., 62 (17): 2997
Fredrickson J. K., 62 (19/20): 3239
Freeman K. H., 62 (4): 730 (BR)
Frei R., 62 (11): 1925
Freudenthal T., 62 (13): 2253
Frick L. R., 62 (19/20): 3349
Fricke H. C., 62 (11): 1839
Friedrich D. M., 62 (4): 595
Frost B. R., 62 (2): 329 (C)
Frost D., 62 (4): 725 (E)
Fuhrmann M., 62 (4): 633
Fujitani T., 62 (11): 1903
Fujitani T., 62 (13): 2369
Fukunaga N., 62 (23/24): 3695
Furman T., 62 (17): 2889
Fyfe W. S., 62 (2): 373 (R)

Gaetani G. A., 62 (14): 2499
Gahm K. H., 62 (9): 1619
Gammons C. H., 62 (17): 2949
Ganor J., 62 (8): 1295
Gao S., 62 (11): 1959
Gariepy C., 62 (1): 143
Garrison D. H., 62 (8): 1459
Garrison D. H., 62 (14): 2535
Garrison D. H., 62 (10): 1829
Gassman P. L., 62 (4): 595
Gavrieli I., 62 (9): 1587
Genty D., 62 (3): 393
Gessmann C. K., 62 (5): 867
Gibert F., 62 (17): 2931
Giddings J. C., 62 (8): 1347
Gieskes J. M., 62 (14): 2437
Gill J., 62 (16): 2849
Gilmore I., 62 (10): 1821
Gilmour I., 62 (7): 1285
Gilmour J., 62 (14): 2555
Gimenez J., 62 (13): 2223
Gingele F. X., 62 (13): 2253
Giral-Kacmarcik S., 62 (11): 1865
Girard J., 62 (11): 1865
Gleason J. D., 62 (4): 725 (E)
Gleason J. D., 62 (12): 2155
Goni M. A., 62 (18): 3055
Gopalan K., 62 (3): 515
Grambow B., 62 (2): 245
Grandjean P., 62 (14): 2429
Grapes J., 62 (3): 393
Grattoni C., 62 (23/24): 3789 (C)
Green D. A., 62 (4): 643
Green D. R. H., 62 (4): 643
Greenwood R. C., 62 (4): 689
Greir J. A., 62 (12): 2155
Grice K., 62 (8): 1397
Griffin S., 62 (8): 1365
Grimalt J. O., 62 (14): 2421
Grossman L., 62 (18): 3131
Grove M., 62 (2): 347 (C)
Gruau G., 62 (21/22): 3545
Gschwend P. M., 62 (3): 465
Gundersen J. K., 62 (5): 767
Gustafsson O., 62 (3): 465

Habicht K. S., 62 (15): 2585
Haggerty S. E., 62 (7): 1207
Halas S., 62 (12): 2198 (R)
Halicz L., 62 (9): 1587
Hall A., 62 (2): 369 (C)
Hall C. M., 62 (6): 919
Hall G., 62 (14): 2463
Hall P. O. J., 62 (8): 1319
Halliday A. N., 62 (6): 919
Halliday A. N., 62 (21/22): 3561
Hammond D. E, 62 (21/22): 3453
Han Y. W., 62 (11): 1959
Hanon P., 62 (5): 903
Hansen G. N., 62 (16): 2823
Hanson K. L., 62 (1): 69
Harlavan Y., 62 (1): 33
Harper M. P., 62 (16): 2757
Harris R. P., 62 (1): 51
Harrison T. M., 62 (2): 347 (C)
Hart S. R., 62 (17): 2915
Harvey R. P., 62 (1): 3
Hashizume K., 62 (13): 2311
Hatchl B., 62 (17): 2889
Hawkesworth C. J., 62 (13): 2293
Hedges J. I., 62 (8): 1347
Helgeson H. C., 62 (6): 985
Helgeson H. C., 62 (23/24): 3591
Hemming G. N., 62 (17): 2915
Henocque O., 62 (16): 2739
Henry P., 62 (1): 143
Hensen C., 62 (3): 455
Herut B., 62 (9): 1587
Hervig, R. L., 62 (12): 2167
Herzog G. F., 62 (13): 2389
Hewins R. H., 62 (1): 159
Hewins R. H., 62 (15): 2725
Heymann D., 62 (1): 173
Hidaka H., 62 (1): 89
Hiemstra T., 62 (21/22): 3407
Higgins S., 62 (9): 1535
Hileman O. E., 62 (1): 15
Hilton D. R., 62 (19/20): 3323
Hinman N. W., 62 (19/20): 3239
Hirschmann M. M., 62 (5): 883
Hochella M. F., Jr., 62 (4): 730 (BR)
Hochella M. F., Jr., 62 (2): 365 (R)
Hodge V. F., 62 (12): 2201 (R)
Hodson M. E., 62 (21/22): 3429
Hodson M. E., 62 (16): 2771
Hodson R. E., 62 (3): 473
Hoehler T. M., 62 (10): 1745
Hoering T. C., 62 (18): 3087
Holliger P., 62 (1): 89
Holmen B. A., 62 (4): 726 (E)
Honda, M., 62 (14): 2521
Horan M. F., 62 (3): 545
Horan M. F., 62 (9): 1653 (E)
Horita J., 62 (5): 815
Horn I., 62 (10): 1781
Hornibrook E. R. C., 62 (2): 373 (R)
Hough R. M., 62 (7): 1285
Hovey J. K., 62 (9): 1643
Hsu W., 62 (11): 1993
Hu Y. K., 62 (11): 1959
Hua X., 62 (8): 1443
Huertas F. J., 62 (3): 417
Huettel M., 62 (4): 613
Hug S., 62 (4): 585
Hug S. J., 62 (21/22): 3407
Huh Y., 62 (10): 1657
Huh Y., 62 (12): 2039
Huh Y., 62 (12): 2053
Huhma H., 62 (15): 2701
Hulthe G., 62 (8): 1319
Hulthe S., 62 (8): 1319
Huss G. R., 62 (4): 689
Hutchison R., 62 (4): 689

Imai N., 62 (21/22): 3475
Ingram B. L., 62 (19/20): 3229
Ingri J., 62 (3): 385
Isozaki Y., 62 (21/22): 3475
Istrate G., 62 (16): 2837
Ito T., 62 (9): 1545

James O. B., 62 (7): 1255
Janssens L., 62 (23/24): 3637
Jarvis I., 62 (4): 643
Javoy M., 62 (23/24): 3765
Jean-Baptiste P., 62 (16): 2809
Jean-Baptiste P., 62 (13): 2323
Jeandel C., 62 (15): 2597
Jerde E. A., 62 (4): 715
Johannesson K. H., 62 (12): 2201 (R)

Johnson B. J., 62 (14): 2451
Johnson C. M., 62 (3): 525
Johnson E. A., 62 (1): 173
Johnson K. S., 62 (21/22): 3453
Joly A. G., 62 (4): 595
Jones B. D., 62 (15): 2725
Jones C. F., 62 (9): 1555
Jordan G., 62 (6): 941
Jordan G., 62 (11): 1919
Joron J.-L., 62 (3): 507
Joyce D. B., 62 (5): 815
Jull A. J. T., 62 (17): 3025
Jull A. J. T., 62 (18): 3169

Kadko D., 62 (9): 1521
Kajiwara Y., 62 (9): 1545
Kakegawa T., 62 (19/20): 3205
Kamijo K., 62 (13): 2311
Karlsson M., 62 (23/24): 3657
Kashgarian M., 62 (8): 1365
Kasten S., 62 (13): 2253
Kasten S., 62 (3): 455
Kato Y., 62 (21/22): 3475
Kawai H., 62 (19/20): 3205
Keays R. R., 62 (4): 677
Keil R. G., 62 (8): 1347
Kennedy B. M., 62 (23/24): 3775
Kennedy D. W., 62 (19/20): 3239
Kentgens A. P. M., 62 (1): 79
Kerrich R. W., 62 (4): 677
Kettler R. M., 62 (13): 2279
Killawee J. A., 62 (23/24): 3637
Kirschen M., 62 (23/24): 3753
Kirst G., 62 (10): 1757
Klein J., 62 (13): 2389
Klinkhammer G. P., 62 (21/22): 3453
Kloepfer J., 62 (18): 3047
Knisley, L. P. J., 62 (11): 1889
Knox A. M., 62 (6): 985
Koeberl C., 62 (4): 727 (BR)
Koeberl C., 62 (4): 727 (BR)
Koeberl C., 62 (12): 2179
Kohn M. J., 62 (11): 1947
Kohn S. C., 62 (1): 79
Komninou A., 62 (4): 657
Komor S. C., 62 (4): 731 (BR)
Kooi M. E., 62 (16): 2837
Kornicker W. A., 62 (1): 15
Koster J., 62 (17): 2923
Koster J., 62 (19/20): 3259
Kouamelan A. N., 62 (14): 2475
Koud J. M., 62 (9): 1501
Kramers J. D., 62 (11): 1925
Kreulen R., 62 (19/20): 3323
Kring D. A., 62 (12): 2155
Kring, D. A., 62 (12): 2167
Krishnaswami S., 62 (5): 743
Kronenberg A. K., 62 (2): 379 (R)
Ku T. C. W., 62 (10): 1699
Kumar A., 62 (3): 515
Kumar N., 62 (21/22): 3453
Kunwar A. C., 62 (21/22): 3541
Kurz M. D., 62 (5): 841
Kushiro I., 62 (18): 3151

Laberty C., 62 (17): 2905
Labeyrie L., 62 (14): 2421
LaGrange M. S., 62 (21/22): 3515
Lal D., 62 (4): 735
Lambert D. D., 62 (19/20): 3349
Lamble G. M., 62 (13): 2233
Land L. S., 62 (2): 327 (R)
Larsen M., 62 (2): 209
Lasaga A. C., 62 (8): 1295
Laws E. A., 62 (1): 69
le Roex A. P., 62 (5): 841
Lebron I., 62 (3): 405
Lécuyer C., 62 (14): 2429
Lécuyer C., 62 (21/22): 3545
Lee C., 62 (8): 1365
Lee D.-C., 62 (6): 919
Lee M. R., 62 (16): 2771
Leech M. L., 62 (12): 2143
Legendre O., 62 (14): 2475
Leshin L. A., 62 (1): 3
Lesley D., 62 (1): 51
Lesniak P. M., 62 (12): 2197 (C)
Lewan M. D., 62 (12): 2211 (R)
Lewis A. J., 62 (4): 657
Lewis B. L., 62 (12): 2218 (R)
Lewis R. S., 62 (6): 1093
Li S.-M., 62 (19/20): 3239
Liang Y., 62 (11): 1985
Lilley M. D., 62 (13): 2247
Lippmann J., 62 (18): 3041
Livens F. R., 62 (9): 1481
Lofts S., 62 (15): 2609
Logan T. J., 62 (19/20): 3285
Logan T. J., 62 (21/22): 3499
Longstaffe F. J., 62 (2): 373 (R)
Lorrain R., 62 (23/24): 3637
Lou T. C., 62 (11): 1959
Lovera O. M., 62 (2): 347 (C)
Lower S. K., 62 (10): 1773
Lucas Y., 62 (11): 1865
Ludwig K. R., 62 (4): 665
Lugmair G. W., 62 (16): 2863
Lundstrom C. C., 62 (16): 2849
Lundstrom C. C., 62 (12): 2129
Luo X., 62 (6): 919
Luther G. W., III, 62 (12): 2218 (R)
Luther G. W., III, 62 (4): 613
Luttinen A. V., 62 (15): 2701
Lynch F. L., 62 (2): 327 (R)
Lyons W. B., 62 (2): 185

Macdougall J. D., 62 (3): 515
Macdougall J. D., 62 (10): 1691
Machel H. G., 62 (2): 337 (C)
Mallinson D. J., 62 (23/24): 3689
Mandell G. K., 62 (16): 2799
Mandler D., 62 (4): 565
Marcantonio F., 62 (9): 1535
Marini L., 62 (15): 2673
Martens C. S., 62 (10): 1745
Martini A. M., 62 (10): 1699
Marty B., 62 (2): 301
Maruyama S., 62 (21/22): 3475
Masarik J., 62 (17): 3025
Matsuda J.-I., 62 (13): 2335
Matsuda J.-I., 62 (7): 1241
Matsuda J.-I., 62 (13): 2311
Matsumoto T., 62 (14): 2521
Maurice P. A., 62 (10): 1773
McBeath M. K., 62 (16): 2799
McCorkle D. C., 62 (21/22): 3453
McCoy T. J., 62 (14): 2535
McCulloch M. T., 62 (11): 1889
McDougall I., 62 (14): 2521
McGee J. J., 62 (7): 1255
McGhee J. J., 62 (17): 3009
McInnes B. I. A., 62 (4): 725 (A)
McKay G. A., 62 (16): 2845
McKeegan K. D., 62 (1): 3
McManus J., 62 (21/22): 3453
Meier M., 62 (21/22): 3527
Meldrum A., 62 (14): 2509
Mendybaev R. A., 62 (18): 3131
Metrich N., 62 (3): 507
Metrich N., 62 (7): 1195
Meyers W. J., 62 (16): 2823
Michael P. J., 62 (5): 831
Middleton R., 62 (13): 2389
Migdisov A. A., 62 (15): 2627
Miller G. H., 62 (14): 2451
Millero F. J., 62 (9): 1509
Minarik W. G., 62 (11): 1985
Mita H., 62 (1): 47
Mita H., 62 (23/24): 3695
Miura Y. N., 62 (13): 2369
Miyamoto M., 62 (21/22): 3575
Mockler N. J., 62 (3): 393
Moecker S., 62 (1): 173
Moffett J. W., 62 (2): 359 (R)
Moore W. S., 62 (18): 3047
Moretti R., 62 (7): 1147
Morgan J. J., 62 (2): 361 (C)
Mottl M. J., 62 (13): 2247
Mroczek E., 62 (8): 1379
Mucci A., 62 (5): 757
Mucci A., 62 (5): 767
Muller J.-P., 62 (2): 273
Muller P. J., 62 (10): 1757
Murphy E. M., 62 (21/22): 3395
Murphy P. J., 62 (21/22): 3515
Murphy S. F., 62 (2): 227
Murphy S. F., 62 (13): 2404 (E)
Murphy S. F., 62 (11): 1881
Murphy S. F., 62 (2): 209
Murrell M. T., 62 (21/22): 3437
Myneni S. C. B., 62 (19/20): 3285
Myneni S. C. B., 62 (21/22): 3499
Mysen B. O., 62 (18): 3109

Nagahara H., 62 (18): 3109
Nagao K., 62 (13): 2369
Nagler T. F., 62 (11): 1925
Nahon D. B., 62 (11): 1865
Nakamura E., 62 (18): 3151
Nakano T., 62 (9): 1545
Navrotsky A., 62 (17): 2905
Ndam J., 62 (2): 273
Nelson B. K., 62 (13): 2347
Neroda E., 62 (12): 2129
Nesbitt H. W., 62 (12): 2097
Neymark L. A., 62 (3): 493
Nicolussi G. K., 62 (6): 1093
Nielsen R. L., 62 (5): 831
Niewohner C., 62 (3): 455
Nishri A., 62 (4): 565
Nolvak J., 62 (14): 2429
Nomura K., 62 (21/22): 3575
Nordin J. P., 62 (16): 2789
Nordstrom D. K., 62 (23/24): 3729
Nozaki Y., 62 (8): 1307

O'Neil J. R., 62 (7): 1119
O'Neil J. R., 62 (11): 1839
O'Reilly S., 62 (14): 2521
Oakes C. S., 62 (7): 1133
Oberli F., 62 (21/22): 3527
Ohman L.-O., 62 (23/24): 3657
Ohmoto H., 62 (19/20): 3205
Ohta I., 62 (21/22): 3475
Olmsted J. F., 62 (17): 2965
Olson E. J., 62 (13): 2247
Onstott T. C., 62 (1): 123
Onstott T. C., 62 (19/20): 3239
Osenbruck K., 62 (18): 3041
Ottonello G., 62 (7): 1147
Owen R. M., 62 (10): 1735
Owens C. E., 62 (6): 985

Oxtoby N. H., 62 (2): 343 (R)
Ozima M., 62 (2): 301
Ozima M., 62 (13): 2404 (E)

Paige C. R., 62 (1): 15
Palmer D. A., 62 (13): 2279
Palmer D. A., 62 (6): 971
Palmer M. R., 62 (4): 657
Pande K., 62 (5): 743
Pang Z.-H., 62 (6): 1083
Panteleyev G., 62 (12): 2039
Papanastassiou D. A., 62 (15): 2715
Papanastassioui D. A, 62 (19/20): 3379
Paris F., 62 (14): 2429
Parker S. C., 62 (15): 2637
Parkman R. H., 62 (9): 1481
Parks G. A., 62 (2): 193
Parsons I., 62 (16): 2771
Parthasarathy G., 62 (21/22): 3541
Passino R., 62 (9): 1509
Pasteris J. D., 62 (1): 109
Patterson D. B., 62 (23/24): 3669
Peacor D. R., 62 (11): 1881
Pearson D. G., 62 (13): 2293
Pellin M. J., 62 (6): 1093
Persson P., 62 (23/24): 3657
Pettine M., 62 (9): 1509
Pettke T., 62 (6): 919
Peucat J. J., 62 (14): 2475
Peucker-Ehrenbrink B, 62 (19/20): 3193
Philippe E., 62 (2): 265
Phillips B. L., 62 (16): 2789
Phinney D. L., 62 (12): 2129
Piccoli P. M., 62 (23/24): 3717
Pichavant M., 62 (17): 2931
Pierre C., 62 (16): 2809
Pillinger C. T., 62 (7): 1285
Pillinger C. T., 62 (18): 3169
Pillinger C. T., 62 (10): 1821
Pitzer K. S., 62 (5): 915
Pitzer K. S., 62 (7): 1133
Plank T., 62 (15): 2689
Podosek F. A., 62 (2): 301
Poinsot J., 62 (5): 805
Pokrovski G. S., 62 (9): 1631
Pokrovski G. S., 62 (21/22): 3413
Polve M., 62 (2): 273
Polyakov V. B., 62 (18): 3077
Popp B. N., 62 (1): 69
Porcelli D., 62 (3): 385
Poupeau J., 62 (16): 2809
Pyle J. M., 62 (7): 1207

Qing H., 62 (10): 1721

Railsback L. B., 62 (2): 325 (C)
Raisbeck G. M., 62 (9): 1501
Ramesh R., 62 (5): 743
Rammensee W., 62 (6): 941
Ramo O. T., 62 (15): 2701
Rasbury E. T., 62 (16): 2823
Rasbury E. T., 62 (9): 1535
Ravikumar K., 62 (21/22): 3541
Ray J. S., 62 (19/20): 3301
Rea G. R., 62 (10): 1735
Reagan M. K., 62 (15): 2689
Reed M., 62 (6): 1083
Reeder R. J., 62 (17): 2915
Reedy R. C., 62 (17): 3025
Reedy R. C., 62 (13): 2389
Rehkamper M., 62 (6): 919
Reimold W. U., 62 (12): 2179
Reiners P. W., 62 (13): 2347
Rethmeier J., 62 (15): 2585
Richard L., 62 (23/24): 3591
Richard L., 62 (6): 985
Richards D. A., 62 (23/24): 3683
Richardson S., 62 (14): 2463
Richter F. M., 62 (11): 1985
Ridley M. K., 62 (13): 2279
Righter K., 62 (12): 2167
Rijpstra W. I. C., 62 (8): 1397
Rimstidt J. D., 62 (2): 365 (R)
Rimstidt J. D., 62 (11): 1851
Ripley E. M., 62 (19/20): 3349
Riva A., 62 (5): 805
Roach D., 62 (1): 173
Robardet M., 62 (14): 2429
Robert F., 62 (5): 903
Robert F., 62 (19/20): 3367
Rock P. A., 62 (16): 2799
Rogers N. W., 62 (13): 2293
Romoli L., 62 (12): 2111
Rona P. A., 62 (13): 2323
Rosell-Mele A., 62 (10): 1757
Rosenbaum J. M., 62 (13): 2405 (E)
Rossman G. R., 62 (2): 379 (R)
Rosso J. L., 62 (2): 365 (R)
Rougerie F., 62 (16): 2809
Rowe P. J., 62 (23/24): 3683
Rubie D. C., 62 (5): 867
Ruffet G., 62 (16): 2739
Ruhland G., 62 (10): 1757
Rumbe D., 62 (18): 3141
Rumble D., 62 (19/20): 3307
Rumble D., 62 (18): 3087
Russell S. S., 62 (4): 689
Rustad J. R., 62 (1): 25
Rutherford M. J., 62 (7): 1195
Ruttenberg K. C., 62 (18): 3055
Ruzicka A., 62 (8): 1419
Ryerson F. J., 62 (19/20): 3337
Ryerson F. J., 62 (16): 2849
Ryerson F. J., 62 (12): 2129

Saccocia P. J., 62 (3): 485
Sahai N., 62 (23/24): 3703
Sansone F. J., 62 (13): 2247
Sassani D. C., 62 (15): 2643
Savin S. M., 62 (11): 1865
Schaeffer P., 62 (5): 805
Scheidegger A. M., 62 (13): 2233
Scherer E. E., 62 (3): 525
Schijf J., 62 (12): 2199 (C)
Schlosser P., 62 (9): 1535
Schneckenburger P., 62 (5): 805
Schogt N., 62 (8): 1397
Schonberg R., 62 (11): 1925
Schoonen M. A. A., 62 (4): 633
Schoonen M. A. A., 62 (23/24): 3729
Schott J., 62 (9): 1631
Schott J., 62 (21/22): 3413
Schouten J. A., 62 (16): 2837
Schouten S., 62 (7): 1127
Schouten S., 62 (8): 1397
Schouten S., 62 (6): 965
Schouten S., 62 (19/20): 3259
Schrag D. P., 62 (7): 1107
Schramke J. A., 62 (21/22): 3395
Schulz H. D., 62 (13): 2253
Schulz H. D., 62 (3): 455
Schulz M. S., 62 (2): 209
Schwandt C. S., 62 (16): 2845
Seewald J. S., 62 (9): 1599
Seewald J. S., 62 (3): 485
Sephton M. A., 62 (10): 1821
Sephton S., 62 (7): 1127
Sephton S., 62 (6): 965
Seward T. M., 62 (9): 1643
Seward T. M., 62 (18): 3095
Sexton A. S., 62 (18): 3169
Seyfried W. E., 62 (6): 949
Shanks W. C., 62 (3): 485
Sharma P., 62 (2): 185
Sharpton V. L., 62 (2): 315 (C)
Shatsky V. S., 62 (23/24): 3765
Shaw H. F., 62 (16): 2849
Shaw H. J., 62 (19/20): 3337
Shaw H. F., 62 (12): 2129
Shaw T. J., 62 (18): 3047
Shen J. J., 62 (15): 2715
Shervais J. W., 62 (17): 3009
Shibata T., 62 (7): 1241
Shimoyama A., 62 (1): 47
Shimoyama A., 62 (23/24): 3695
Shock E. L., 62 (15): 2643
Shukolyukov A., 62 (16): 2863
Sigurdsson H., 62 (7): 1285
Sillen A., 62 (14): 2463
Silverberg N., 62 (12): 2218 (R)
Simakov S.K., 62 (10): 1811
Sinclair D. J., 62 (11): 1889
Singh S. K., 62 (5): 743
Sinninghe Damste J., 62 (19/20): 3259
Sinninghe Damste J., 62 (17): 2923
Sisterson, J. M., 62 (17): 3025
Sivan O., 62 (4): 565
Skinner W. M., 62 (9): 1555
Skyllberg U., 62 (10): 1677
Sletten V. W., 62 (1): 123
Smalley P. C., 62 (2): 343 (R)
Smart R. St.C., 62 (9): 1555
Smith M. E., 62 (1): 79
Smoliar M. I., 62 (3): 545
Snodgrass W. J., 62 (1): 15
Snyder G. A., 62 (8): 1419
Snyder G. A., 62 (3): 525
Sobolev A. V., 62 (5): 853
Sobolev N. V., 62 (23/24): 3765
Sochaski M. A., 62 (18): 3047
Sonntag C., 62 (18): 3041
Souren A. W. M. G., 62 (2): 351 (C)
Sours-Page R., 62 (5): 831
Sparks D. L., 62 (13): 2233
Srinivasan R., 62 (21/22): 3541
Stalder R., 62 (10): 1781
Starinsky A., 62 (19/20): 3221
Stecher O., 62 (18): 3117
Sterner S. M., 62 (7): 1133
Stetzenbach K. J., 62 (12): 2201 (R)
Stevenson R. K., 62 (1): 143
Stillings L. L., 62 (9): 1493
Stirling C., 62 (6): 919
Stoermer E. F., 62 (7): 1119
Stoll H. M., 62 (7): 1107
Stolper E., 62 (18): 3131
Stolper E. M., 62 (5): 883
Stolper E. M., 62 (14): 2499
Stolper E. M., 62 (11): 1977
Stone D., 62 (17): 2979
Stone J., 62 (3): 555 (SC)
Stone J. O. H., 62 (3): 433
Stonestrom D. A., 62 (2): 209
Strawn D. G., 62 (13): 2233
Strohle K.-D., 62 (23/24): 3683
Strongin D. R., 62 (4): 633
Stumm W., 62 (4): 585
Stute M., 62 (9): 1535
Suarez D. L., 62 (3): 405
Sugiura N., 62 (13): 2369
Suhr G., 62 (5): 853
Suleimenov O. M., 62 (15): 2627

Sullivan D. J., 62 (16): 2789
Sulzberger B., 62 (4): 585
Sun M., 62 (4): 677
Sundby B., 62 (12): 2218 (R)
Sverjensky D. A., 62 (4): 728 (BR)
Sverjensky D. A., 62 (23/24): 3703
Swindle T. D., 62 (12): 2155

Tachibana S., 62 (11): 2005
Takahashi E., 62 (7): 1241
Taylor L. A., 62 (3): 525
Taylor L. A., 62 (8): 1419
Tebo B. M., 62 (2): 357 (C)
Terakado Y., 62 (11): 1903
Thalmann C. H., 62 (14): 2573
Thiemens M. H., 62 (1): 173
Thomas J. E., 62 (9): 1555
Thompson A., 62 (1): 51
Thompson P., 62 (17): 2889
Thomson J., 62 (4): 643
Thomson J., 62 (12): 2087
Thornley D. M., 62 (18): 3169
Thouron D., 62 (15): 2597
Tipping E., 62 (15): 2609
Tironi I. G., 62 (18): 3095
Tison J.-L., 62 (23/24): 3637
Titiloye J. O., 62 (15): 2637
Torrero M. E., 62 (13): 2223
Traina S. J., 62 (10): 1773
Trendel J. M., 62 (5): 805
Triana S. J., 62 (19/20): 3285
Triana S. J., 62 (21/22): 3499
Trivedi J. R., 62 (5): 743
Tsamakis E., 62 (8): 1347
Tsoi M., 62 (10): 1657
Tsuchiyama A., 62 (11): 2005
Tsunematsu T., 62 (21/22): 3475
Tuccimei P., 62 (12): 2111
Turekian K. K., 62 (1): 1
Turner G., 62 (14): 2555
Tych W., 62 (16): 2757

Ulff-Moller F., 62 (4): 715
Urusov V. S., 62 (7): 1233
Usui A., 62 (9): 1545

Vairamani M., 62 (21/22): 3541
Valley J. W., 62 (13): 2265
Valley J. W., 62 (11): 1947
van Calsteren P. W., 62 (13): 2293
Van Den Kerkhof A. M, 62 (16): 2837
Van Der Gaast S. J., 62 (17): 2923
van Eck E. R. H., 62 (1): 79
Van Kaam-Peters H., 62 (17): 2923
Van Kaam-Peters H., 62 (19/20): 3259
van Soest M. C., 62 (19/20): 3323
Vance D., 62 (21/22): 3527
Vaughan D. J., 62 (9): 1481
Veizer J., 62 (10): 1721
Vengosh A., 62 (19/20): 3221
Vidal L., 62 (14): 2421
Viers J., 62 (2): 273
Villa I., 62 (2): 349 (R)
Villanueva J., 62 (14): 2421
Vink A., 62 (6): 965
Vivit D. V., 62 (2): 209
Vogt S., 62 (13): 2389
Voltaggio M., 62 (12): 2111
von Storch I., 62 (10): 1757

Wada N., 62 (13): 2335
Wakeham S. G., 62 (1): 69
Waldron S., 62 (2): 369 (C)
Walker R. J., 62 (3): 545
Walter L. M., 62 (10): 1699
Wang G.-Y., 62 (8): 1407
Wang X., 62 (9): 1619
Wang X.-C., 62 (8): 1365
Wang Y., 62 (3): 473
Wang Z., 62 (4): 595
Wang Z. S., 62 (16): 2823
Warren P. H., 62 (13): 2369
Wasserburg G. J., 62 (3): 385
Wasserburg G. J., 62 (15): 2715
Wasserburg G. J., 62 (19/20): 3379
Wasserburg G. J., 62 (4): 689
Wasson J. T., 62 (4): 715
Watanabe Y., 62 (21/22): 3475
Waychunas G. A., 62 (19/20): 3285
Waychunas G. A., 62 (21/22): 3499
Webb J., 62 (11): 1851
Weber E. T., 62 (10): 1735
Weber W. J., 62 (14): 2509
Weidler P. G., 62 (21/22): 3407
Weigel A., 62 (14): 2573
Welch K. A., 62 (2): 185
Wesolowski D. J., 62 (6): 971
Wesolowski D. J., 62 (13): 2279
Wetche T. P., 62 (21/22): 3407
Wheat C. G., 62 (13): 2247
Whelan J. K., 62 (9): 1599
Whitby J., 62 (14): 2555
White A. F., 62 (2): 209
White A. F., 62 (2): 227
Whitney P. R., 62 (17): 2965
Wieler R., 62 (2): 301
Williams Q., 62 (16): 2849
Willliams-Jones A. E, 62 (17): 2949
Wilson T. R. S., 62 (12): 2087
Wolbach W. S., 62 (1): 173
Wollast R., 62 (3): 417
Wood B. J., 62 (4): 737
Worden R. H., 62 (2): 343 (R)
Wright I. P., 62 (7): 1285

Xiao Z., 62 (17): 2949
Xu Y., 62 (23/24): 3729
Xu Z., 62 (10): 1803

Yancey T. E., 62 (1): 173
Yane L., 62 (12): 2077
Yapp C. J., 62 (14): 2409
Yardley B. W. D., 62 (4): 657
Yi W., 62 (6): 919
Yiou F., 62 (9): 1501
Young E., 62 (18): 3161
Young E. D., 62 (18): 3087
Young E. D., 62 (18): 3109
Yu A. V., 62 (15): 2627
Yu Y., 62 (1): 159
Yui T.-F., 62 (19/20): 3307
Yund R. A., 62 (2): 379 (R)

Zabel M., 62 (3): 455
Zachara J. M., 62 (19/20): 3239
Zaitsev A., 62 (10): 1657
Zaitsev A., 62 (12): 2039
Zhang B. R., 62 (11): 1959
Zhang H., 62 (16): 2757
Zhang H. F., 62 (11): 1959
Zhang J., 62 (8): 1307
Zhang L., 62 (14): 2437
Zhang L., 62 (12): 2053
Zhang Y., 62 (4): 726 (E)
Zhang Y., 62 (18): 3185
Zhang Y., 62 (23/24): 3789 (C)
Zhao Z. D., 62 (11): 1959
Zhou M-F, 62 (4): 677
Zhu P., 62 (10): 1691
Ziebis W., 62 (4): 613
Zou H., 62 (11): 1937
Zuddas P., 62 (5): 757